

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/02785

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02M5/257

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02M G05F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 787 023 A (THOMAS FRIEDRICH-WERNER) 22 November 1988 (1988-11-22) abstract column 3, line 60 - line 68 column 4, line 6 - line 12 figures 1-4 ----- GB 1 045 002 A (STANDARD TELEPHONES CABLES LTD) 5 October 1966 (1966-10-05) page 1, line 30 - line 36 page 2, line 26 - line 59 figure 3 ----- -/-	1-14, 16-28, 30,34
X	----- -----	1,5,6, 11-15, 18,22, 23,28,29

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

19 November 2003

10/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 754 036 A (WALKER N EDWARD) 19 May 1998 (1998-05-19) column 2, line 23 - line 44; figures 1,3A column 8, line 12 - line 25; figure 7A -----	1-31

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Information on patent family members

International Application No
PCT/GB 03/02785

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4787023	A	22-11-1988	DE EP JP	3619801 A1 0249083 A2 63000718 A	17-12-1987 16-12-1987 05-01-1988	
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US 5754036	A	19-05-1998	AU CA EP PL WO	3738197 A 2260941 A1 0919019 A1 331331 A1 9804964 A1	20-02-1998 05-02-1998 02-06-1999 05-07-1999 05-02-1998	